DWA_03.4 Knowledge Check_DWA3.1

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1. Please show how you applied a Markdown File to a piece of your code.

KARDIN236_PTO2306_GroupB_KaraboDinga_IWACapstone

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Introduction

- This platform allows you to view a list of book previews, by title and author, so that I can discover new books to read.
- You can do this by searching for a book by author, genre or year. once you find the book you click it to view a summary and more information.
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[slideshow presentation](#)

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2. Please show how you applied JSDoc Comments to a piece of your code.

```
/**
 * Appends a list of books to the dataList element.
```

```
 * @param {Array} booksToAppend - Array of books to append.
 */
const appendBooks = (booksToAppend) => {
   const fragmentPage = document.createDocumentFragment();
    booksToAppend.forEach((book) => {
     const previewElement = createPreviewElement(book);
     fragmentPage.appendChild(previewElement);
   });
    dataList.appendChild(fragmentPage);
 };
```

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3. Please show how you applied the @ts-check annotation to a piece of your code.

```
Argument of type 'FormDataEntryValue' is not assignable to parameter of type 'string'.
 Type 'File' is not assignable to type 'string'.ts(2345)
const selected: {
   [k: string]: FormDataEntryValue;
}
```

```
// Saved the selected theme to localStorage
   localStorage.setItem('theme', selected.theme);
```

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4. As a BONUS, please show how you applied any other concept covered in the 'Documentation' module.

```
/**
```

```
* @typedef {Object} Book
* @property {string} title - The title of the book.
* @property {string} author - The author of the book.
* @property {number} year - The year of publication.
*/
```

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